



TECHNICAL SERVICE BULLETIN

NUMBER	16TSB-68			TYPE	SERVICE ALERT		
ROUTING	INSTALL	X	SERVICE	SALES	PURCH		
TITLE	2015+ DODGE RAM UPFITTER HARNESS						
REV	A			ISSUED	11/2/2016	REVISED	-
AFFECTS	16160150 UPFITTER HARNESS						
INFORMATION	<p>SOME RAM 2500/3500 TRUCKS DRAW OVER 10A WHEN HIGH BEAMS ARE ACTIVATED. IF THE 16160150 HARNESS POWER WIRE (ORANGE) IS USED ON A 10A FUSE, THE FUSE MAY BLOW. THERE IS A 20A IGNITION SWITCHED "CIGAR LIGHTER" FUSE THAT IS ACCESSIBLE IN THE UNDERHOOD FUSE BOX THAT SHOULD BE USED. THE ATTACHED INSTRUCTIONS HAVE BEEN UPDATED TO REFLECT THIS.</p>						
DETECTION	10A FUSE BLOWING WHEN SWITCHING TO HIGH BEAMS						
CORRECTION	USE THE 20A CIGAR LIGHTER CIRCUIT FOR IGNITION SWITCHED POWER						

SnowDogg® Snowplow Headlight Adapter INSTALLATION INSTRUCTIONS

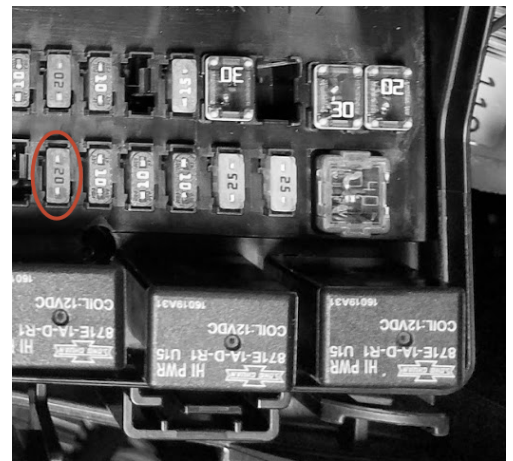
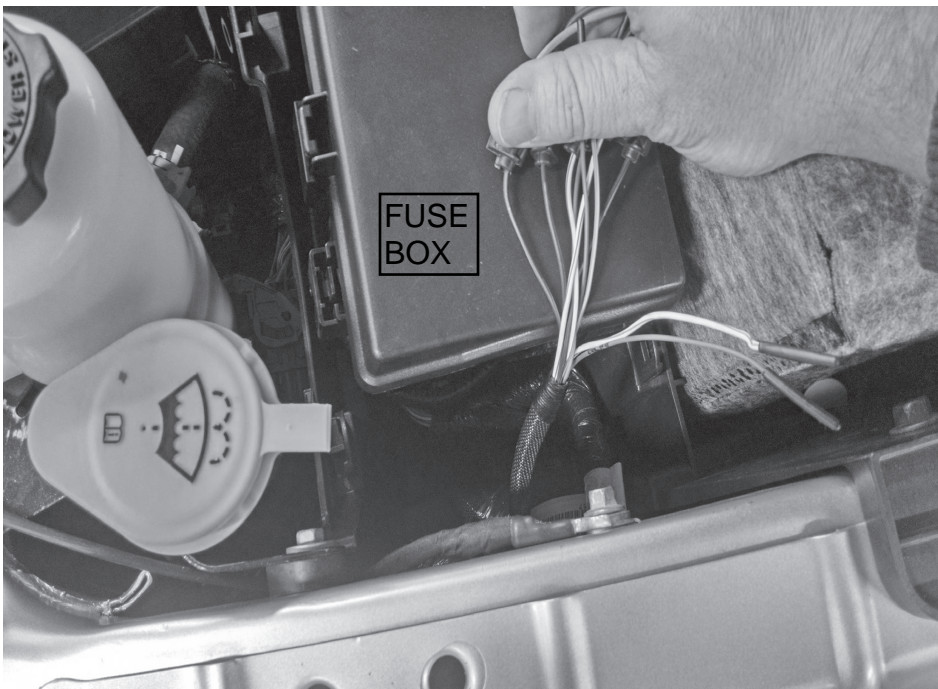
16160150

RAM 2500/3500 UPFITTER CONNECTOR, 2015+

NOTE: The 16160150 relay harness is specific to 2015+ 2500/3500 RAM trucks. This harness REPLACES the 16160100 harness that is shipped standard with every SnowDogg plow and that harness will NOT be used. In addition - no 1607* headlight adapter harness is required for these trucks. Do NOT disconnect OEM headlights or harnesses for this installation.

INSTRUCTIONS

1. Route the RAM RELAY HARNESS CONNECTOR through the grill.
2. Locate the blunt cut upfitter wires under the fuse panel located at the driver's side front in the engine compartment.



3. Connect the GRAY wire w/eyelet (labeled GND) to a good chassis ground or battery ground location.
4. Connect the ORANGE wire to a fused (20A min) ignition switched power source. The RED/WHITE wire from the CONTROL HARNESS (16160300) should NOT be used for this. It should be TAPED or CUT to prevent accidental contact. The CIGAR LIGHTER fuse (F93 20A) may be used as a power source (see above picture).
5. Connect the following wires using the preinstalled butt connectors:

HARNESS WIRE	TRUCK WIRE	FUNCTION
RED/WHITE	BLACK/VIOLET	ENABLE
YELLOW	BLACK/LIGHT GREEN	LOW BEAM
GREEN	BLACK/LIGHT BLUE	HIGH BEAM
BROWN	WHITE/BROWN	PARK
PURPLE/WHITE	WHITE/VIOLET	LEFT TURN (A SIDE)
PURPLE/BLACK	VIOLET/BROWN	RIGHT TURN (B SIDE)

6. The A side of the headlight harness (16160200) will be Driver Side.
7. Check all light functionality before operating the plow.